

FIG. 1 is a block diagram of a network monitoring system. The system includes a central network 100, a customer equipment 150, a customer equipment 160, a network operation center 130, and three analyzer units 110, 120, and 140. The central network 100 contains a SONET node, an ISDN node, an ATM node, a frame relay node, and an Internet cloud. The customer equipment 150 and 160 are connected to the network 100 via N-C interfaces. The analyzer units 110, 120, and 140 are connected to the network 100 and the customer equipment 150 and 160.

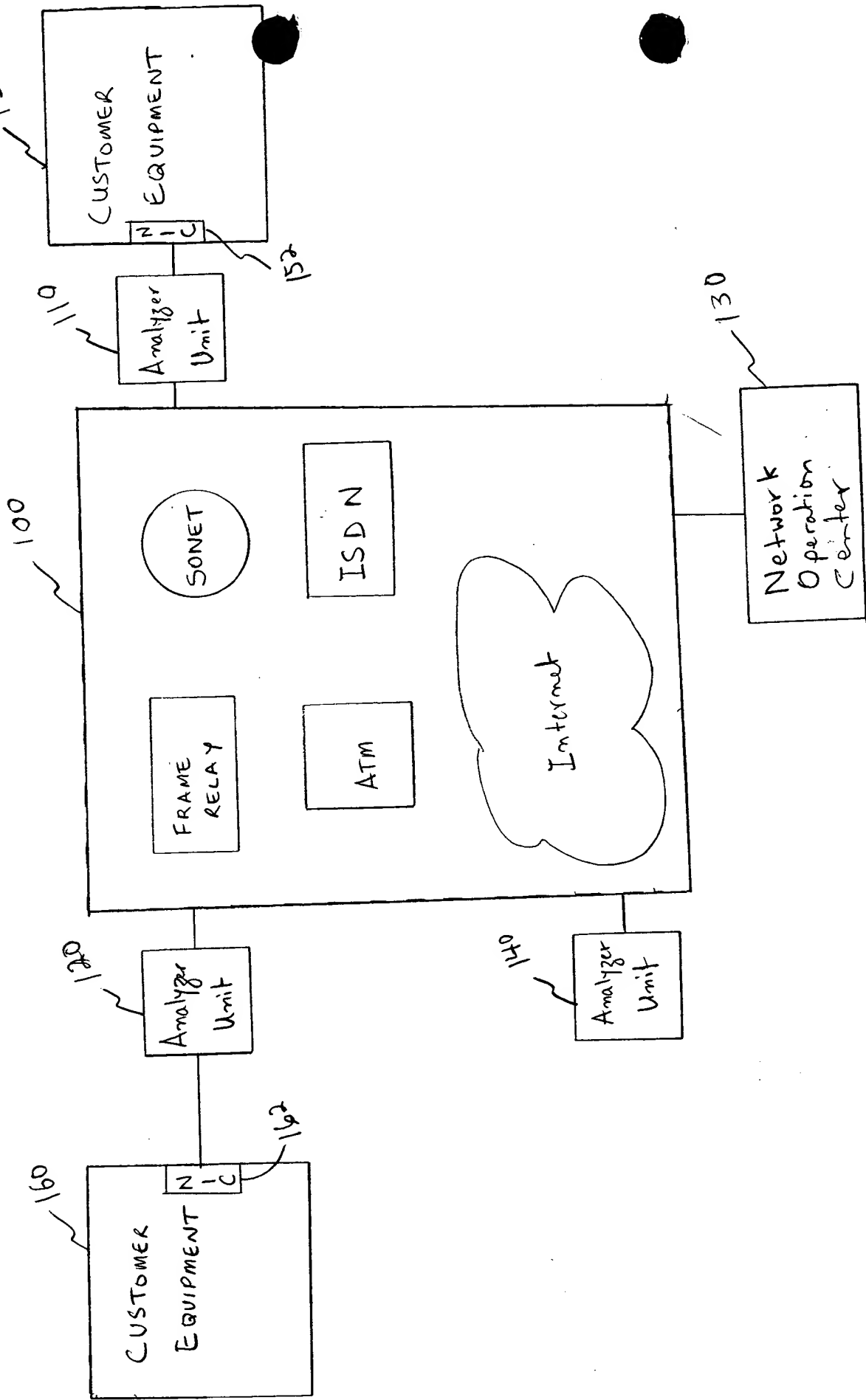


FIG. 1

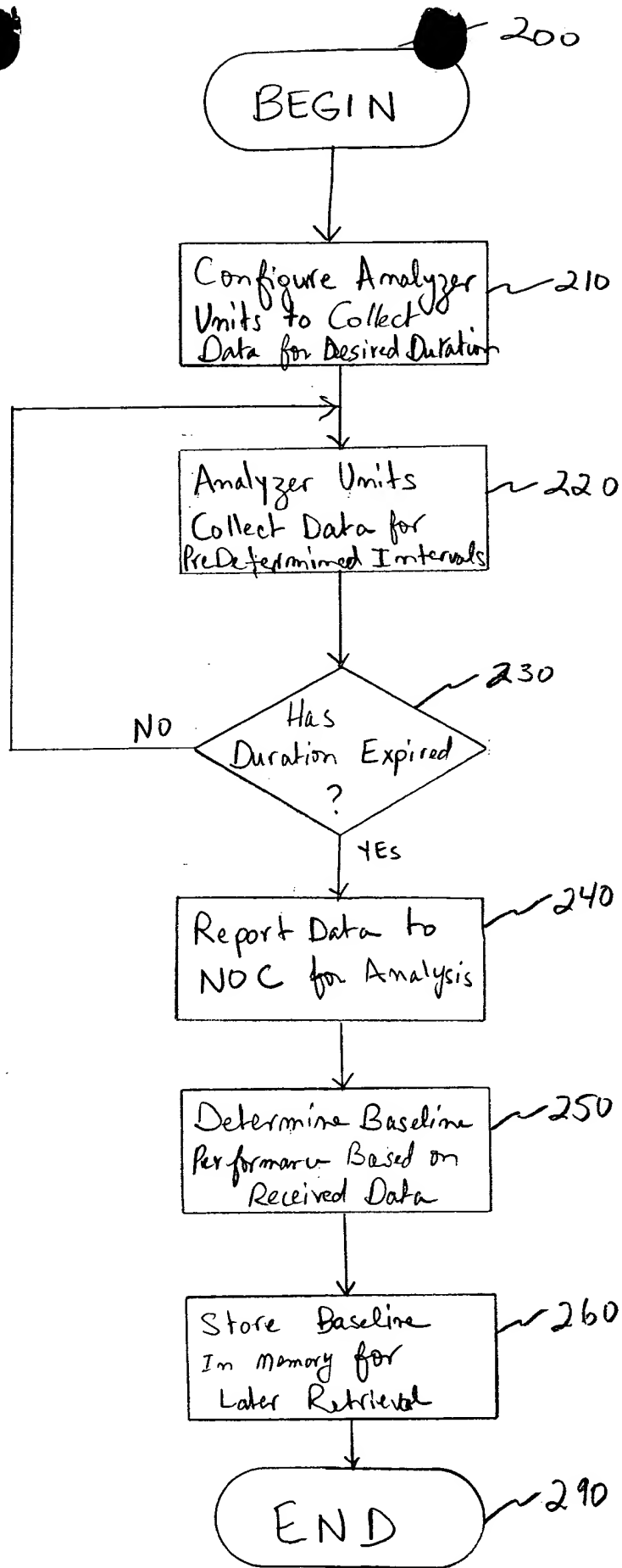


FIG. 2

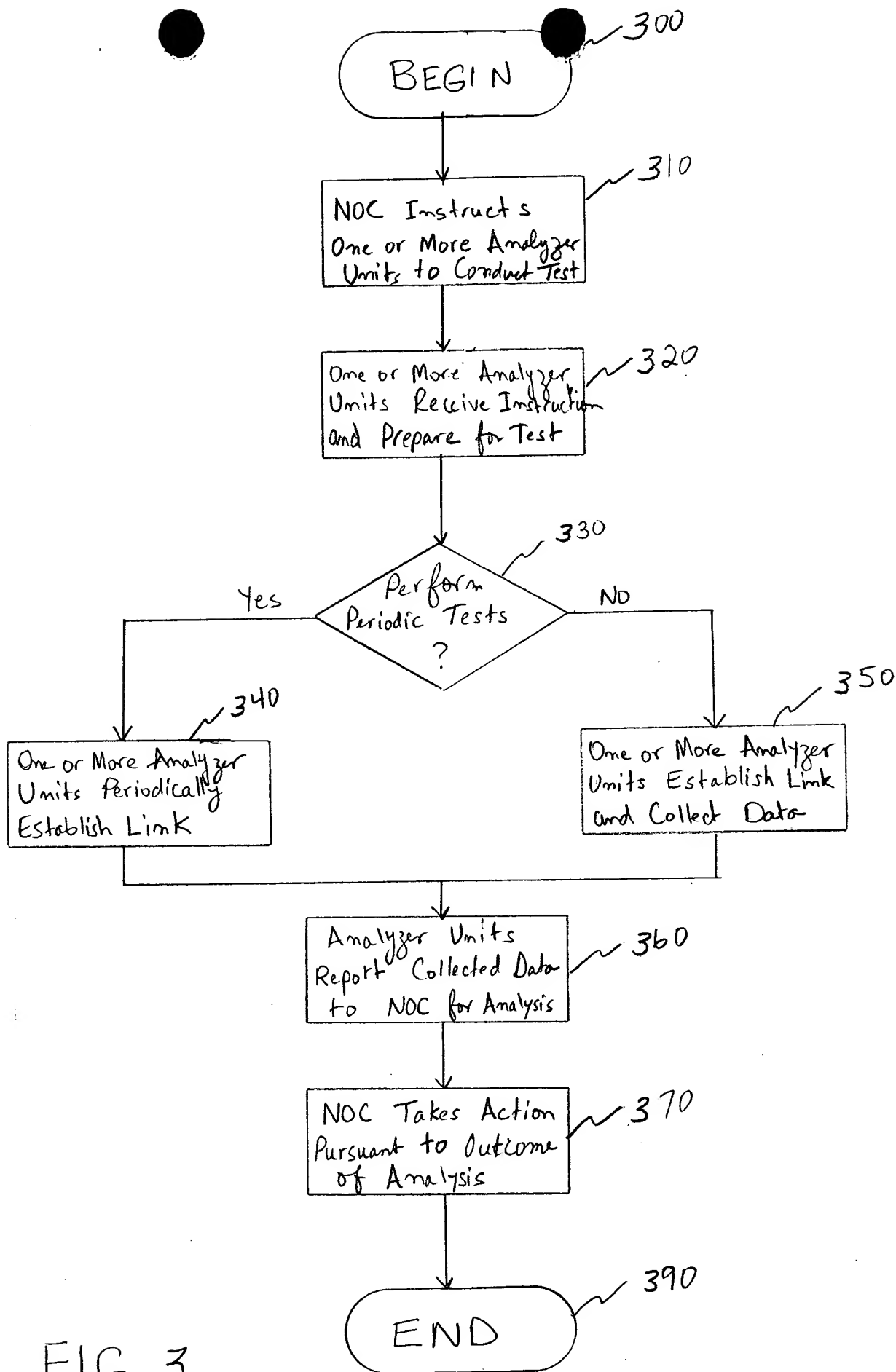
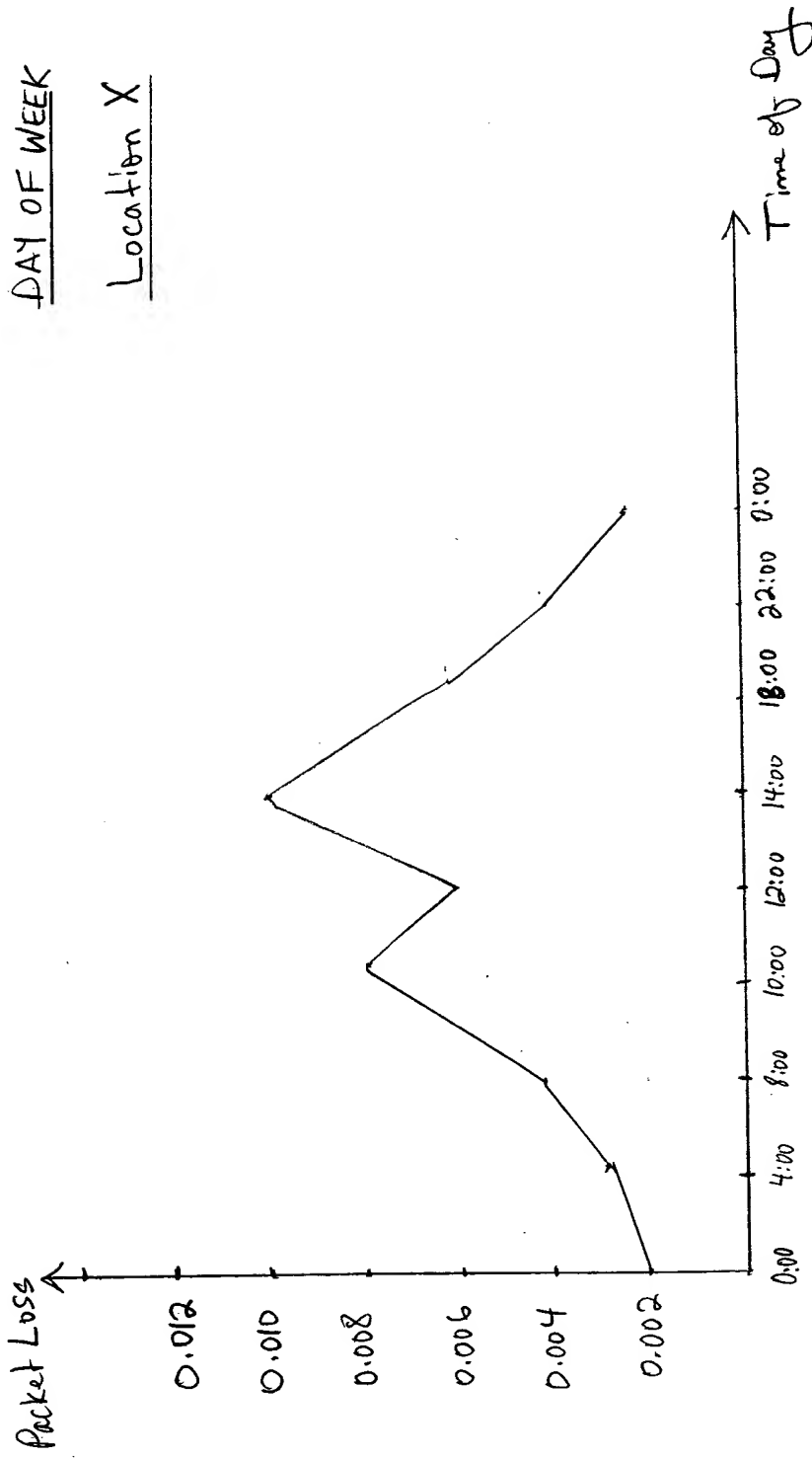


FIG. 3



400

FIG. 4

FIG. 5 is a schematic diagram of a memory array 510. The array is organized into rows and columns. The first row contains the values 1, 1, 0, 1, 0, 0, 1, 1, followed by an ellipsis, and then 1, 1, 1, 1, 0. A bracket labeled 510 spans the first row.

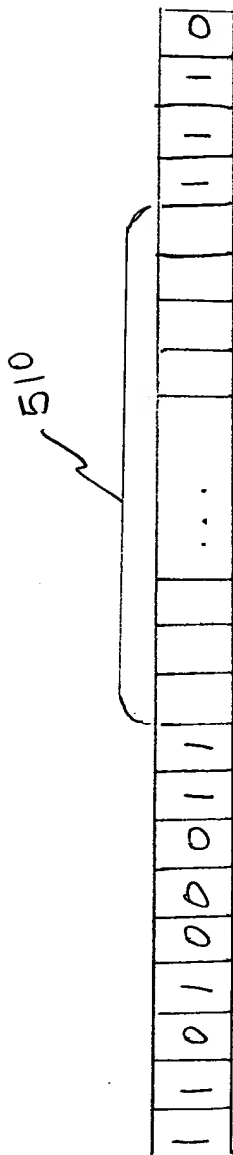


FIG. 5

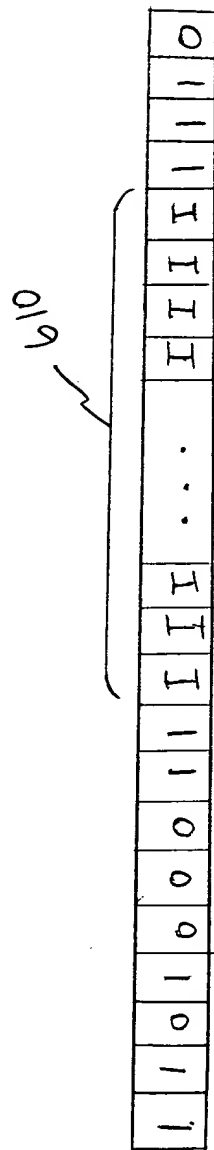


FIG. 6